Service Manual

POS50A-5B-LX800
POS50A-2B-LX800
POS50A-8B-LX800

PPC50A-5B-LX800
PPC50A-2B-LX800
PPC50A-8B-LX800

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1.

Before You Start

1. Please unplug the power cable before you start to work.

2. Please read and follow the instructions in this document carefully. Failure to follow these instructions could damage your device and void the warranty.

1.1. Tools Suggested

All procedures in this document require the following tools:

#0 Phillips screwdriver (magnetized suggested)

#1 Phillips screwdriver (magnetized suggested)

1.5 mm hexagon socket spanner (magnetized suggested)

2.

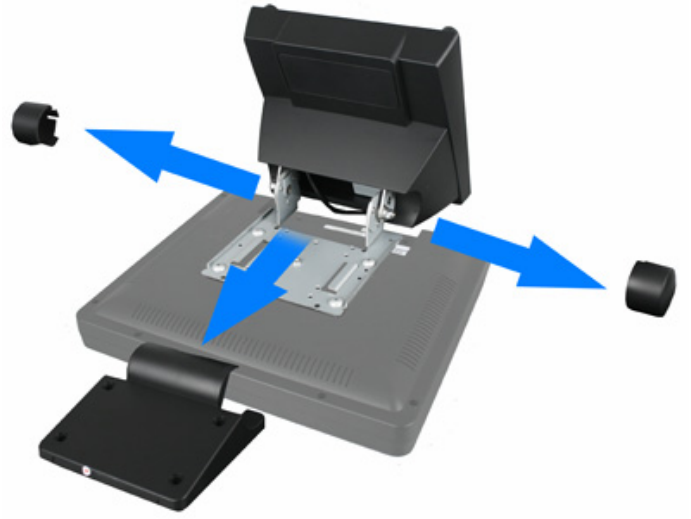
Base Unit Dissemble (POS50A-Series Only)

1. Adjust the main unit to the position as shown below.

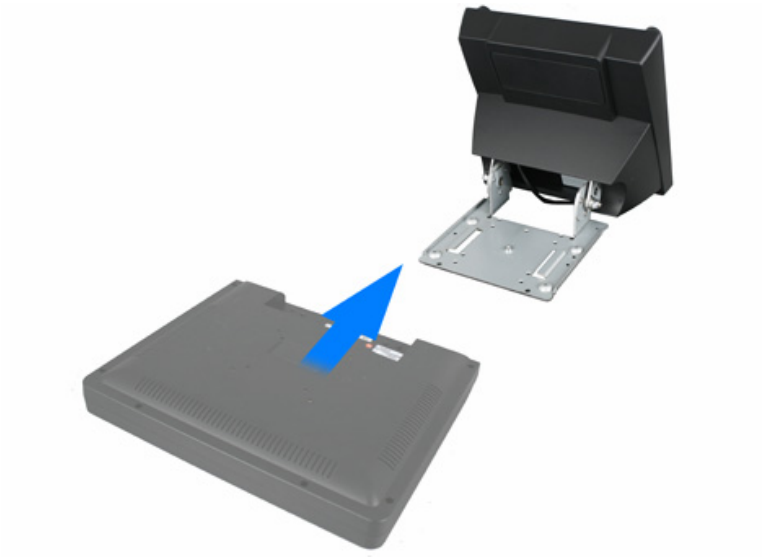
2. Unplug the power adapter connecter.

3. Loosen and remove the four screws fixing the base unit by #1 Phillips screwdriver.

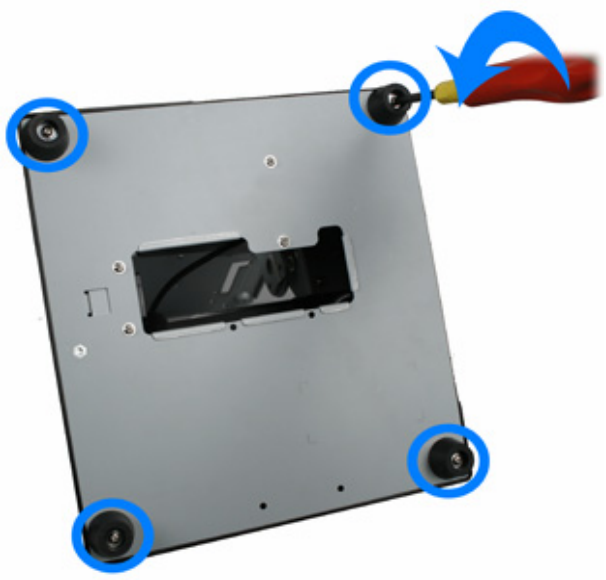
4. Remove the right hinge cover, left hinge cover and support cover as shown below.



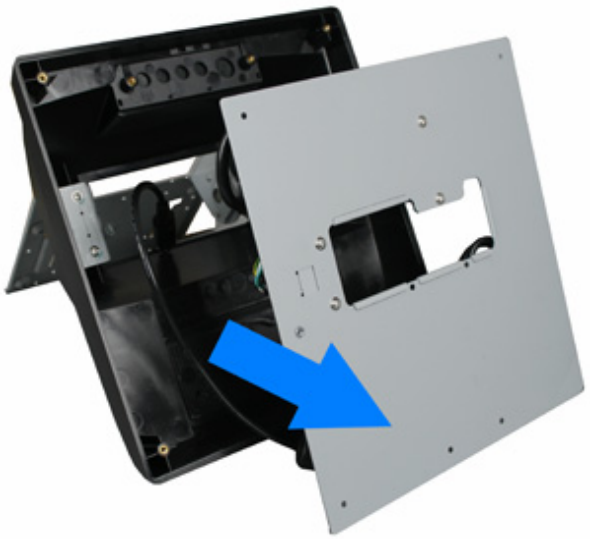
5. Remove the base unit.



6. Loosen the four screws to remove the four rubber pads by #1 Phillips screwdriver.

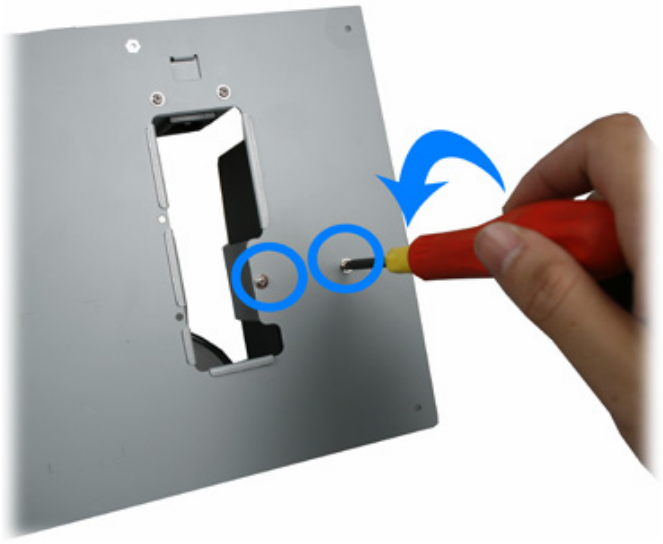


7. Remove the base chassis.

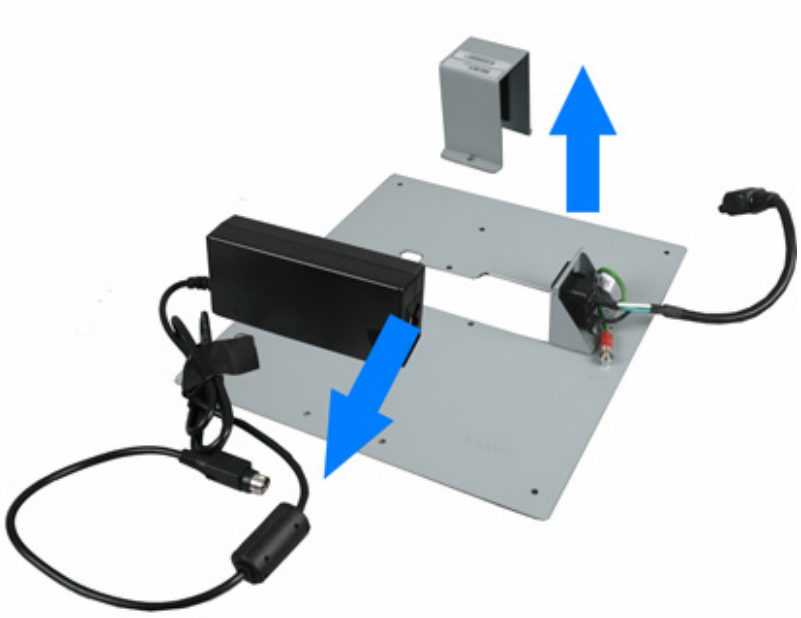


8. Unplug the AC inlet as shown below.

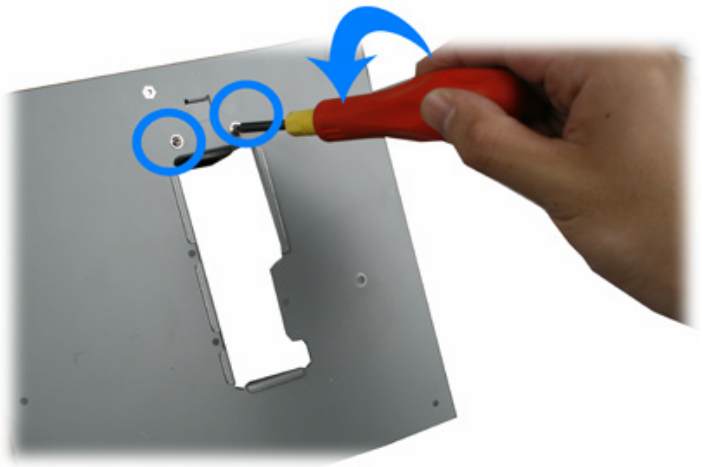
9. Loosen and remove the two screws fixing the power adapter bracket by #1 Phillips screwdriver.



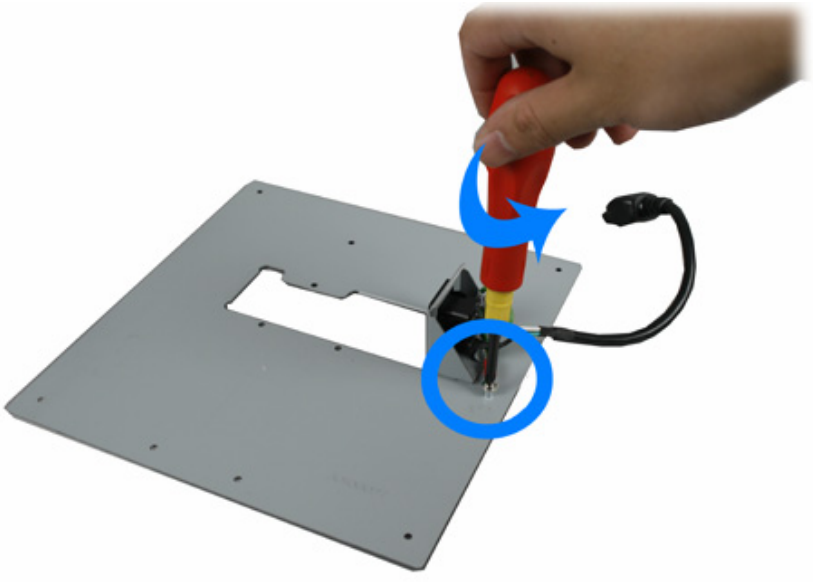
10. Remover the power adapter and the power adapter bracket.



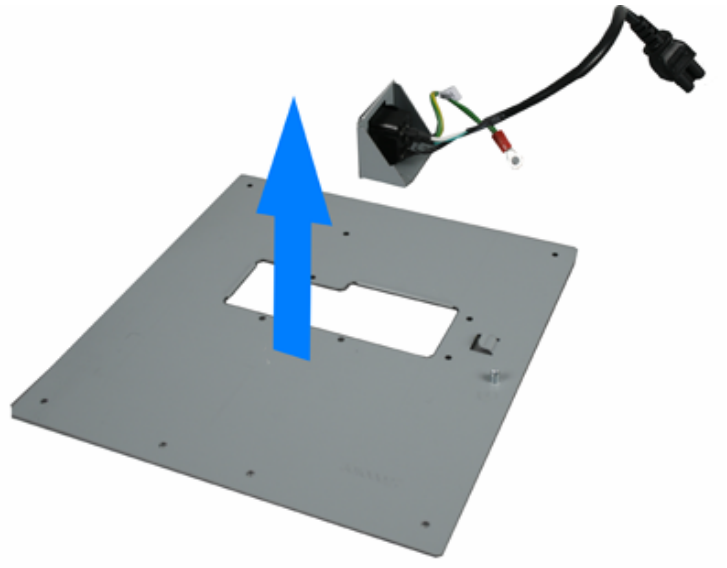
11. Loosen and remove the two screws fixing the AC inlet bracket by #1 Phillips screwdriver.



12. Loosen and remove the screw fixing the grounding wire by #1 Phillips screwdriver.



13. Remove the AC inlet.

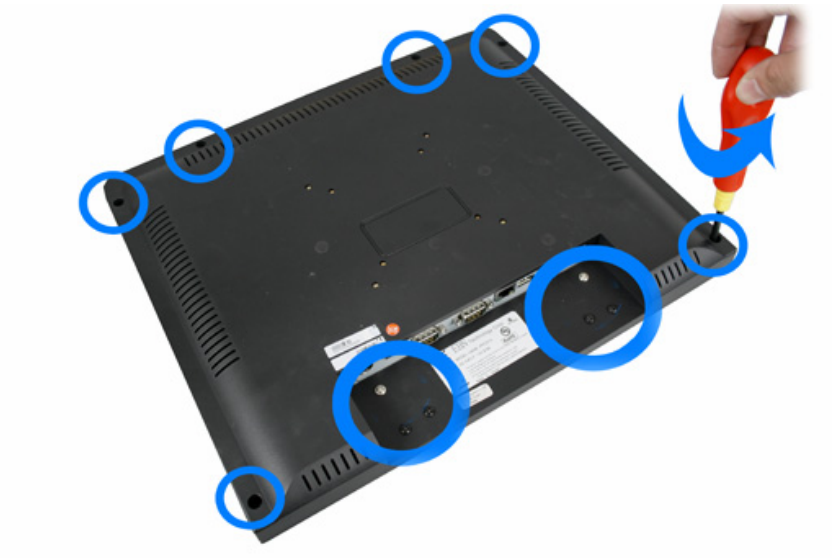


3.

The Main Unit

3.1. Opening the Device

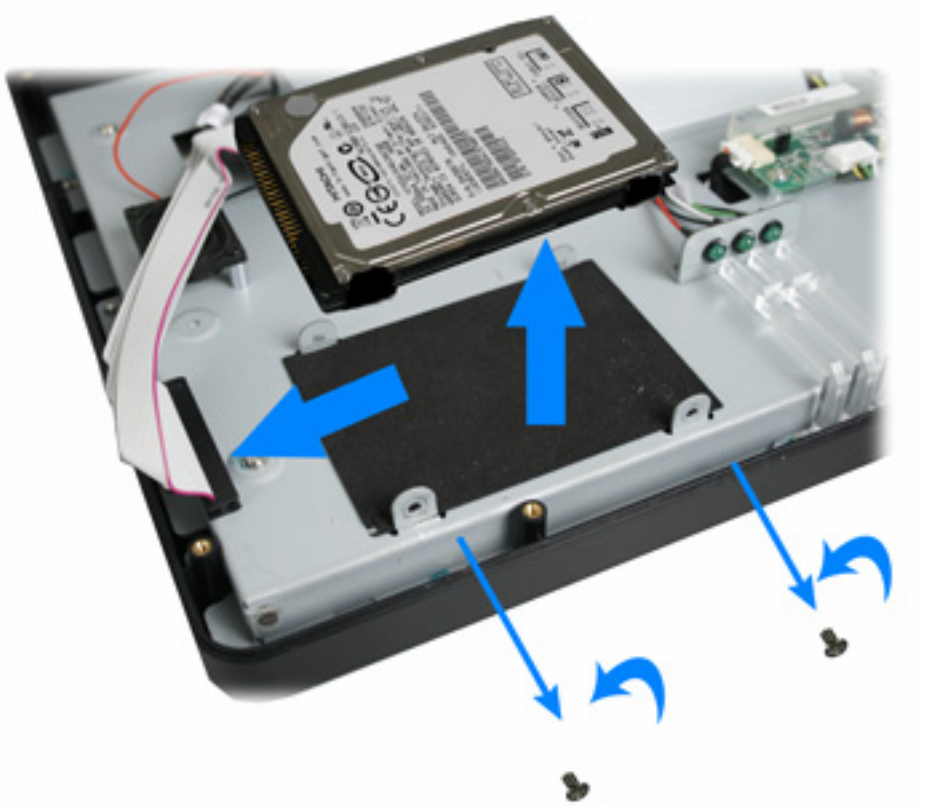
1. Loosen and remove the twelve screws fixing the back cover by #1 Phillips screwdriver.



2. Remove the back cover.

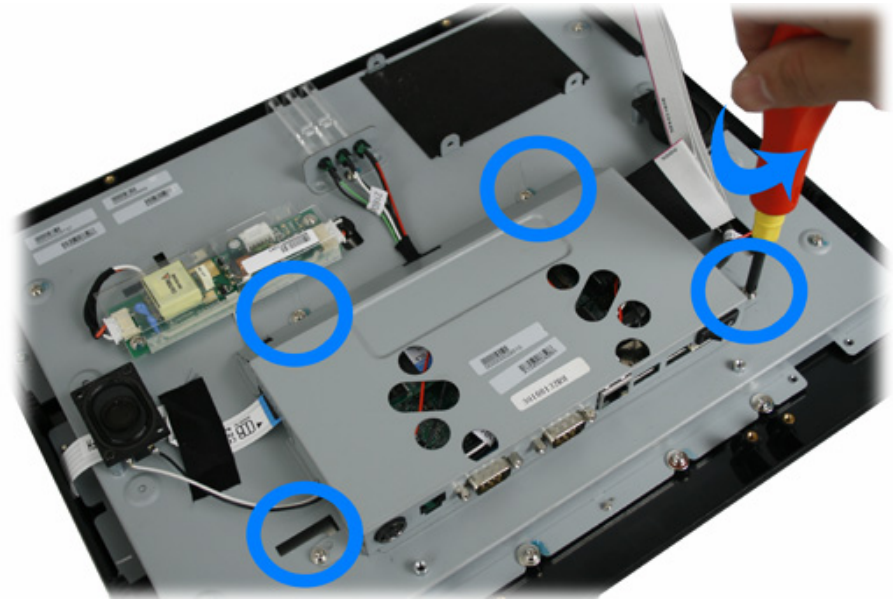
3.2. HDD Disassemble

1. Disconnect the IDE cable and loosen the four screws fixing the HDD as shown below.



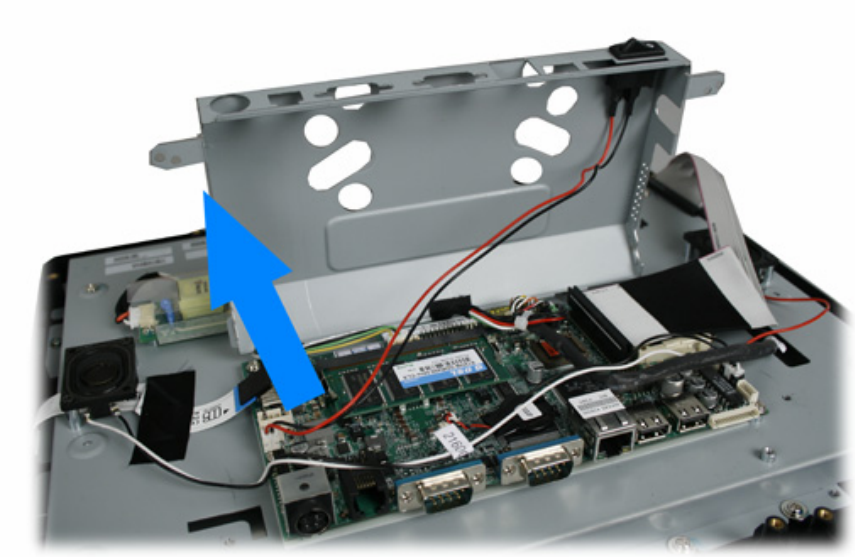
3.3. EMI AD Cover Disassemble

1. Loosen and remove the twelve screws fixing EMI AD cover by #1 Phillips screwdriver.

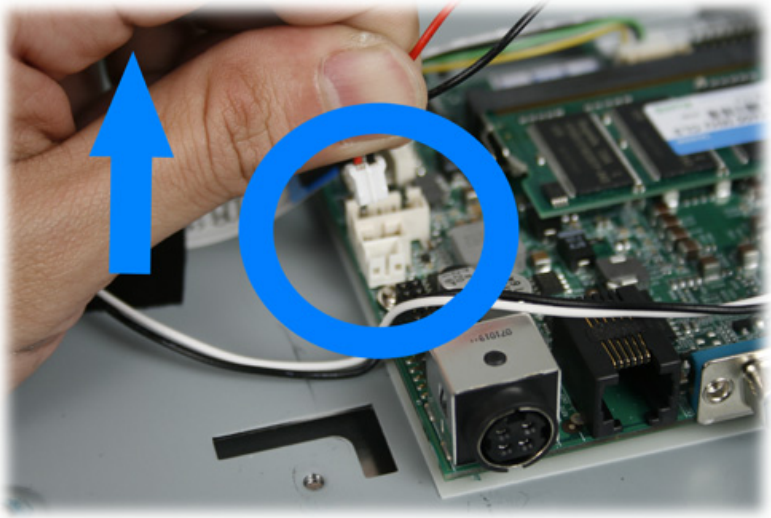


2. Loosen and remove the four hexagonal bolts fixing COM ports by hexagon socket spanner.

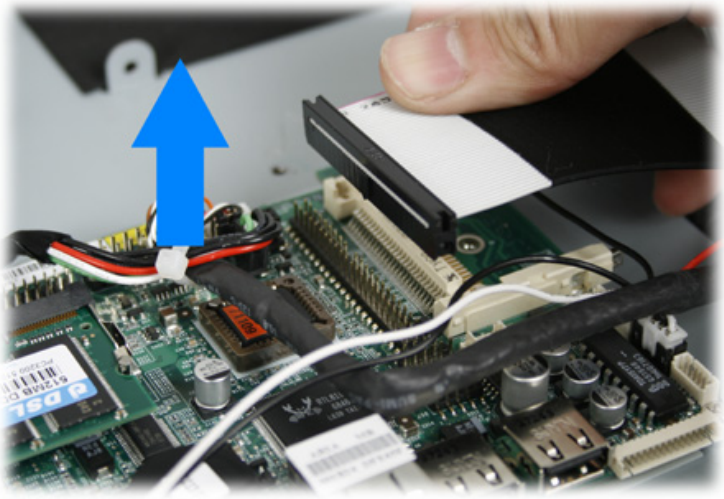
3. Open the EMI AD cover.



4. Unplug the power switch to remove the EMI AD cover.

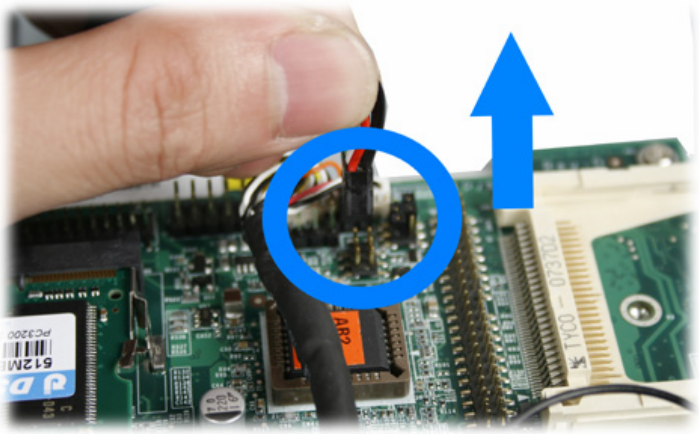


5. Unplug the IDE cable.

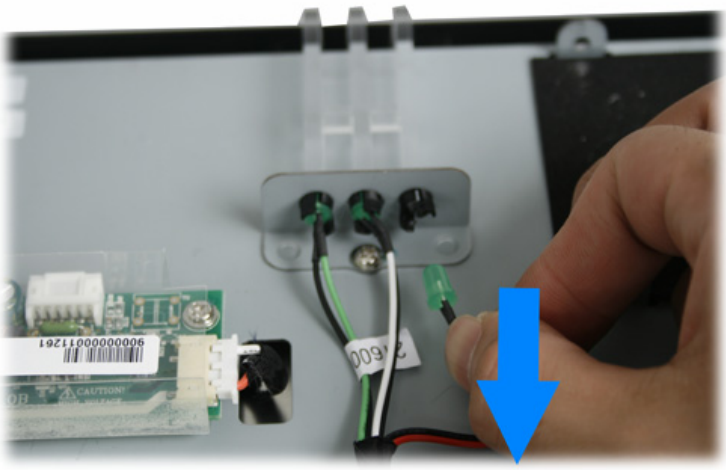


3.4. LED Indicator Disassemble

1. Unplug the LED indicator connecter from the main board.

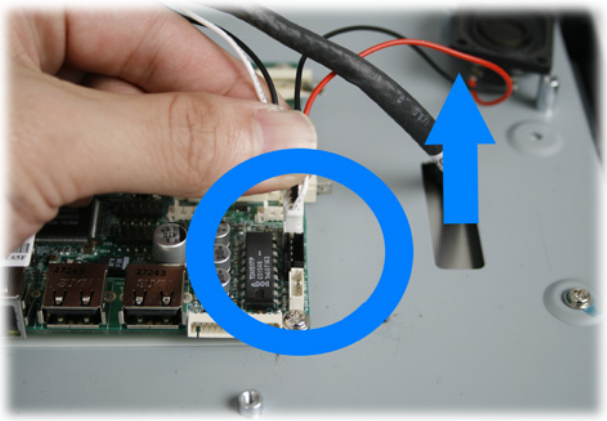


2. Unplug the three green LED indicator from the LED bracket.

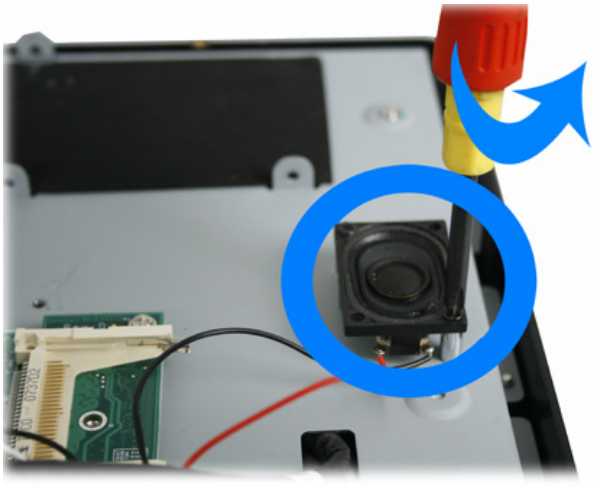


3.5. Speaker Assembly Disassemble

1. Unplug the Speaker Assembly connecter from the main board.



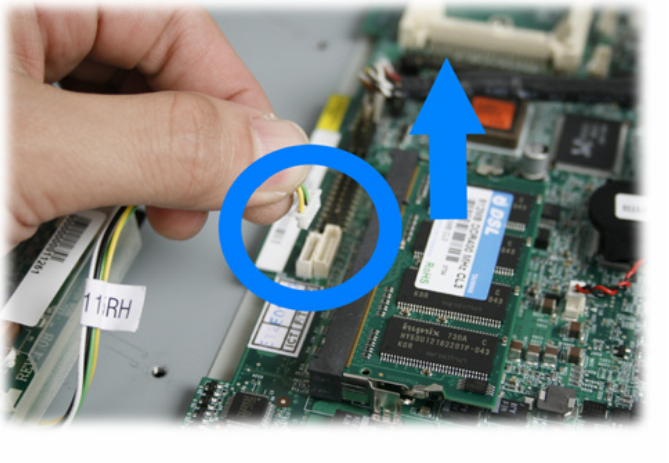
2. Remove the two screws fixing the speaker.



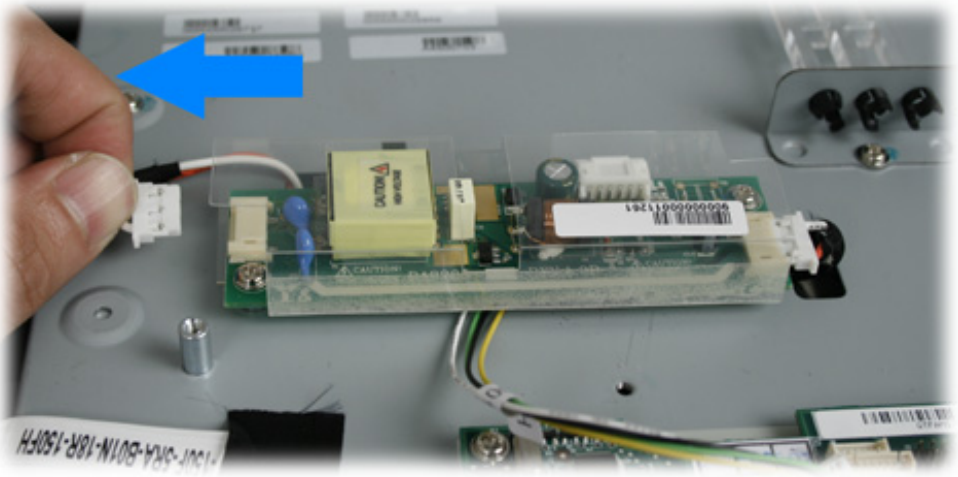
3. Remove the two screws fixing the speaker.

3.6. Inverter Disassemble

1. Unplug the inverter cable.



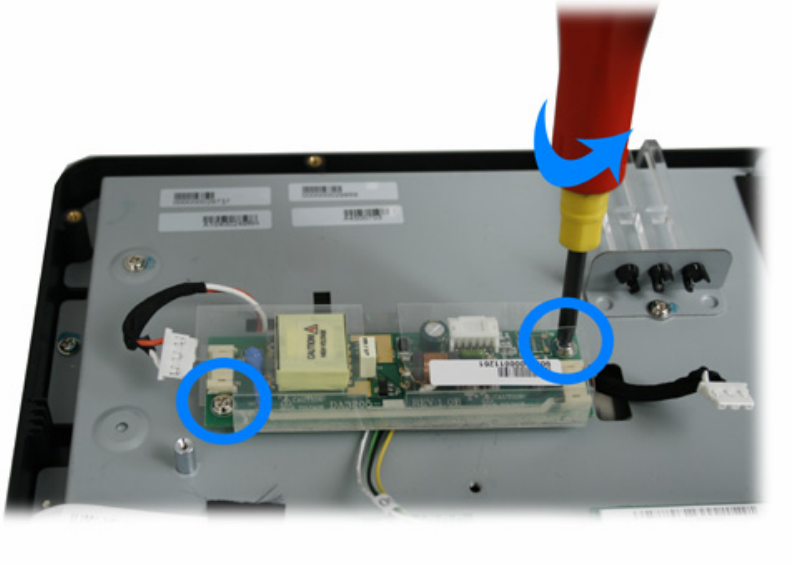
2. Unplug the connecter as shown below.



3. Unplug the connecter as shown below.

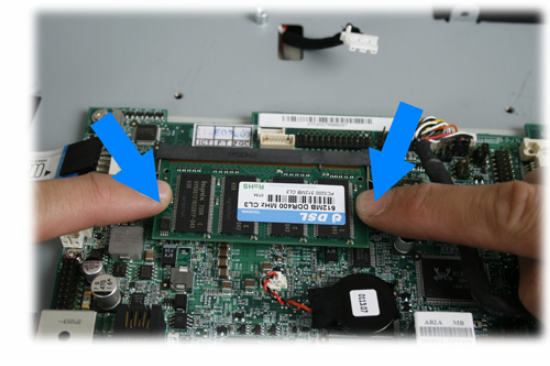
4. Loosen and remove the two screws fixing the inverter by #1 Phillips

screwdriver.



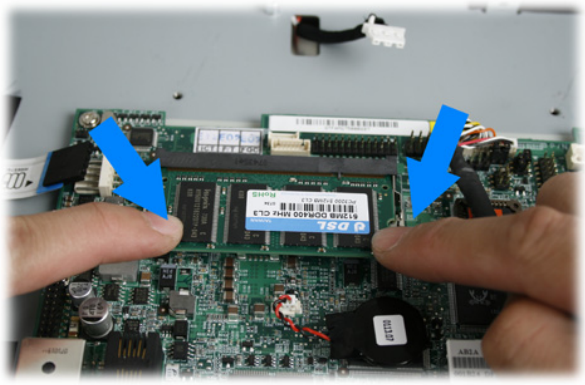
3.7. RAM Replacement

1. Open the tow ejectors on the slot by pushing them, and remove the RAM from the slot.



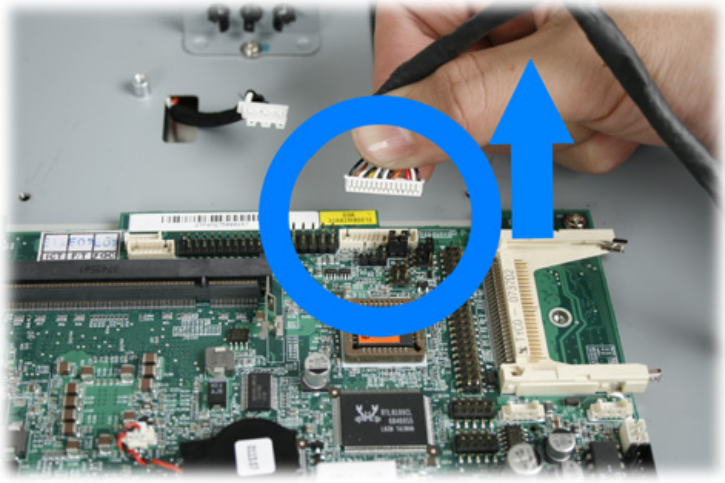
2. Remove the old RAM and install a new one.

3. Align and insert the new RAM in the slot and push both ends of the RAM down until the ejectors snap into place.



3.8. Main Board Disassemble

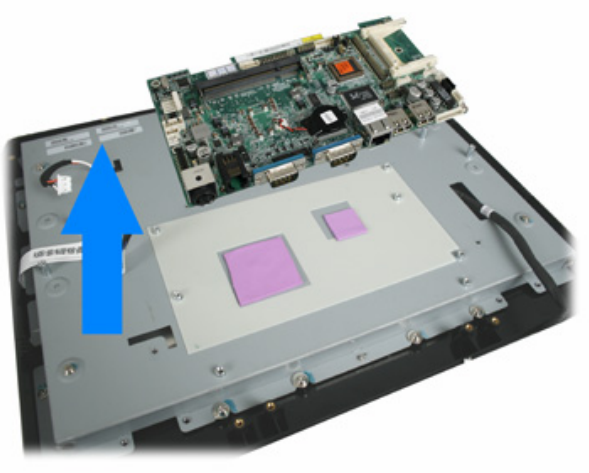
1. Unplug the LCD cable.



2. Unplug the touch panel connecter as shown below.

3. Loosen and remove the four screws fixing the main board by #1 Phillips screwdriver.

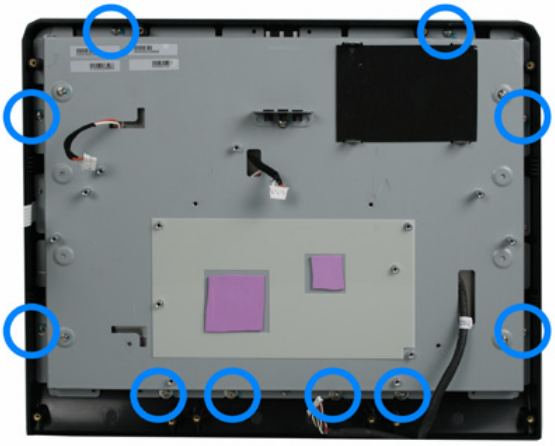
4. Remove the LX-800 main board.



3.9. LCD Panel Assembly Dissemble

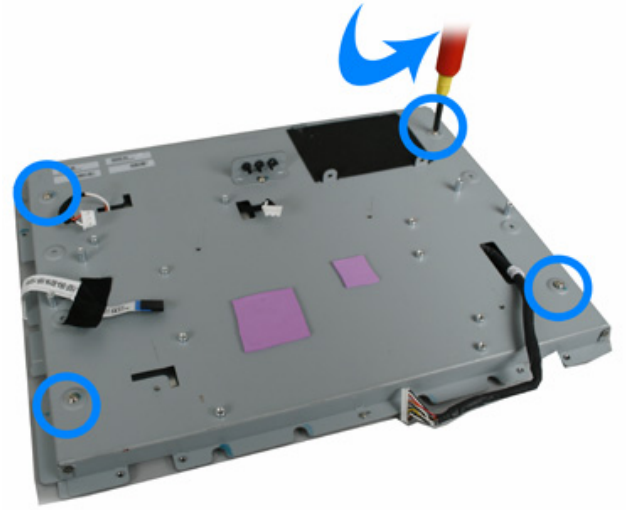
1. Loosen the two screws fixing the LED lens by #1 Phillips screwdriver as shown below.

2. Loosen and remove the ten screws fixing the back cover by #1 Phillips screwdriver.

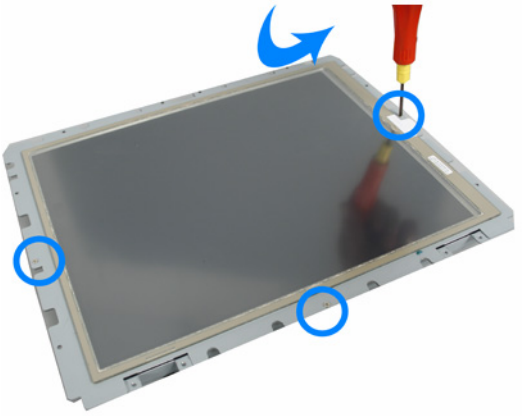


3. Remove the LCD panel assembly as shown below.

4. Loosen the four screws as shown below.



5. Loosen the three screws fixing the touch panel other sides as shown below.



6. Remove the touch panel.

7. Remove the LCD panel.